Project: IH 635 LBJ Freeway, Section 4 - West

Phase II Geotechnical Investigation - Appendix C

Quantities for Packer and Groundwater Testing and Piezometer Installation

Phase I Boring Number	Approx Station	Fugro Rec. Ph II Piez.	Rec. Piez	Remarks	Approximate Roadway Elevation, ft
2BW4L	8075	X	SPP	Fugro rec BW3R	464
2BW10L	10530	X	SPP	Fugro rec BW10L	488-492
2BW16L	13000	X	VWP	Fugro rec BW16L	504
2T6aR	20800		SPP	Screen in overburden	
2T7R	21200	X	SPP, VWP	Fugro rec T7R	525
2T10L	22500	X	SPP,VWP	Fugro rec T10L	522 or 560
2T20R	26400	X	SPP, VWP	Fugro rec "F", can't install in center	526
2T23L	27300	X	SPP, VWP	Fugro rec T23L	514 or 530
2T31L	30700	X	VWP	Fugro rec T31L	505 or 543
2T34L	31600	X	SPP,VWP	Fugro rec "O"	510 or 560

Notes:

1. Perform up to 10 packer tests in potential fracture zones as identified from recovered rock core or from estimated zones of faulting.
2. Perform groundwater sampling at 5 representative locations from within proposed piezometer installation borings. Perform field conductivity probe in borehole and sulfate and chloride content on recovered samples for corrosion potential characterization.
3 Use screen length and piezometer details as per Phase 1 - place bottom of screen at or near roadway elevation unless that would place it in impermeable shale. If fresh shale exists at roadway grade, screen in weathered or residual shale or alluvium above the shale. Screen 2T23L from elevation 525 to 535. Propose that LBJMP PcE meet with Fugro to establish specific piezometer installation details.